

Figure 1

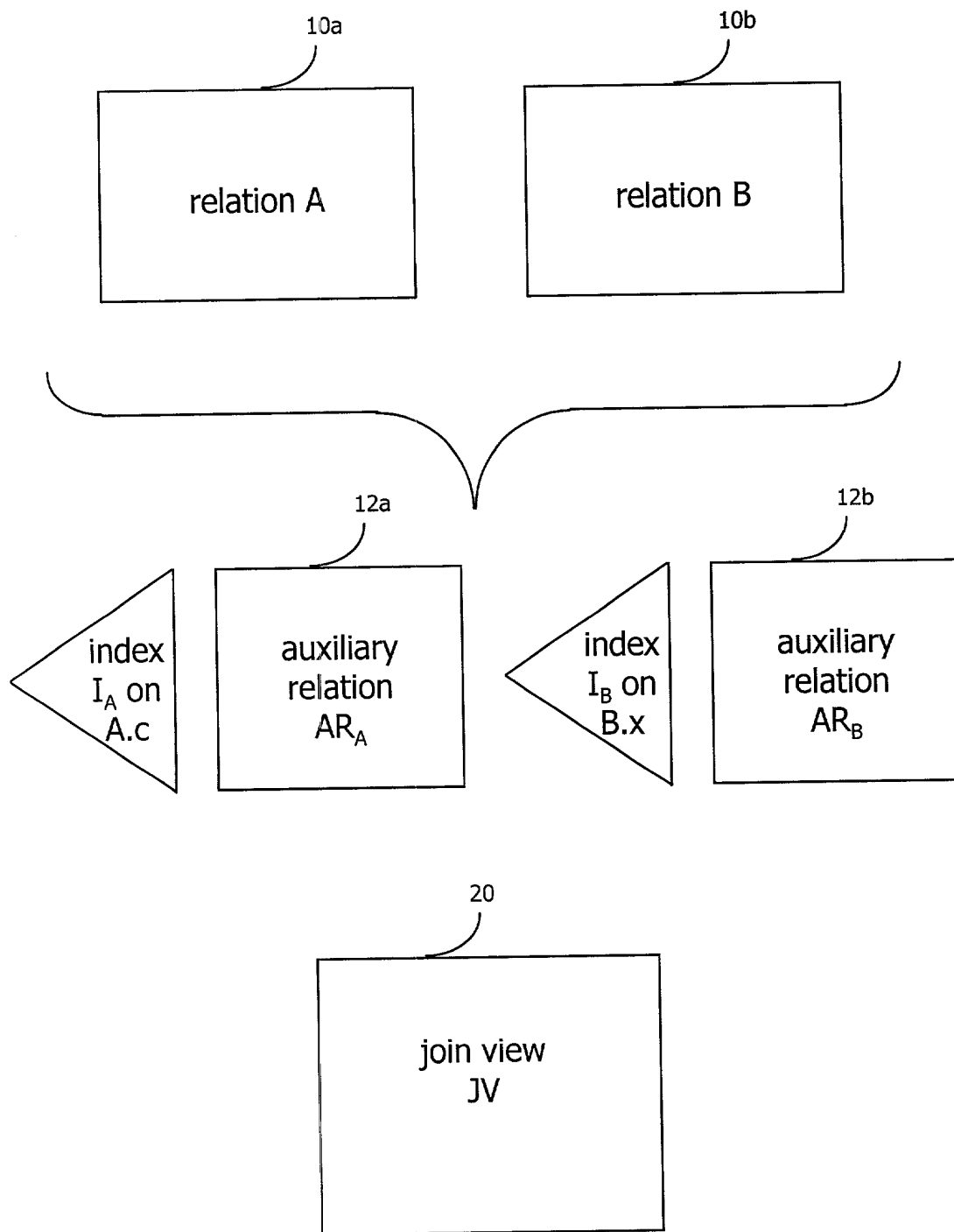


Figure 2

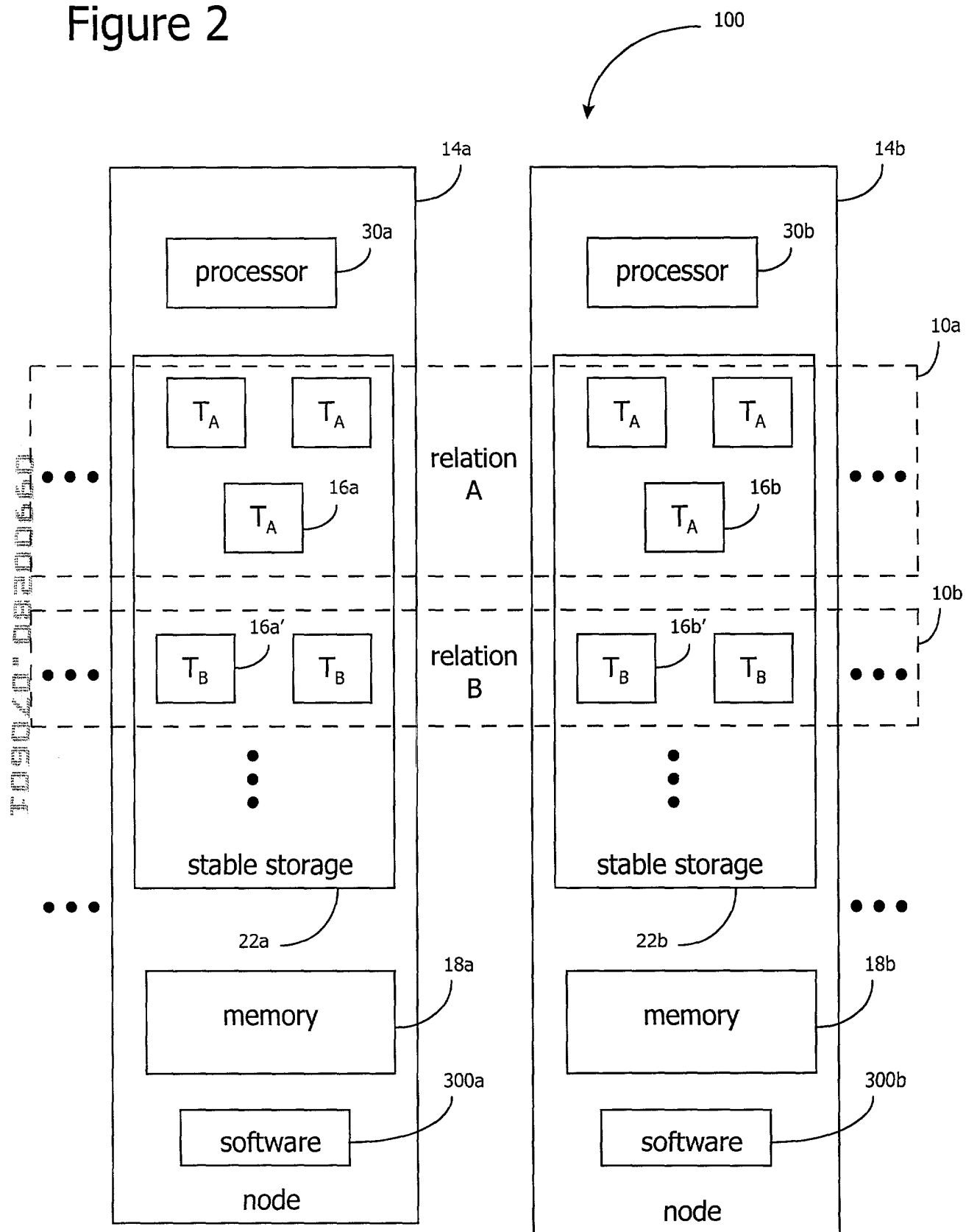


Figure 3

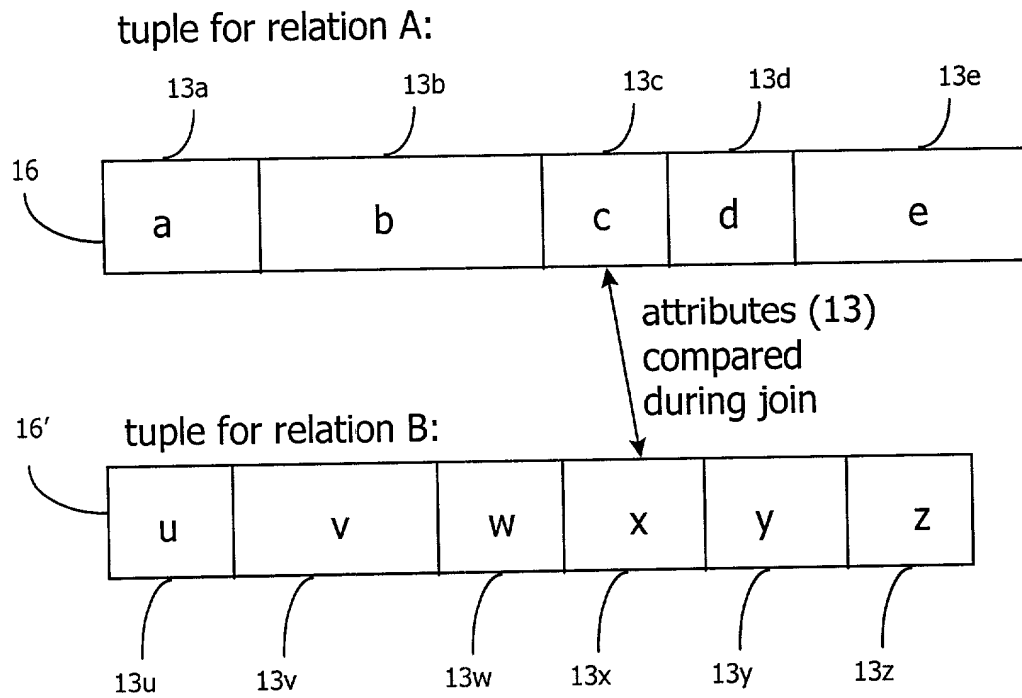


Figure 4

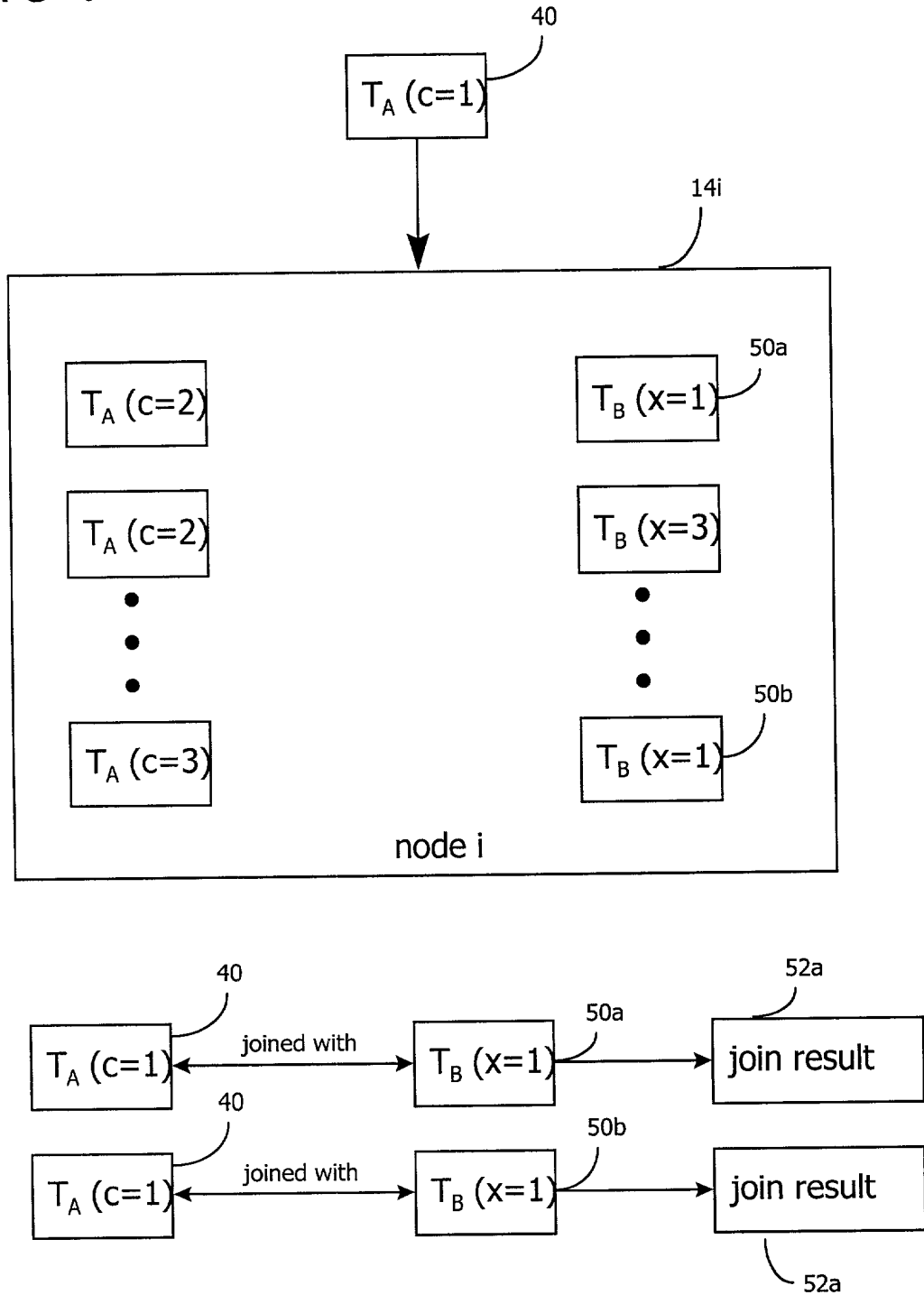
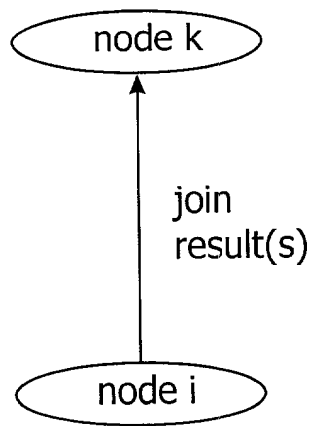


Figure 5A



k) join result(s) inserted
into join view JV

i2) T_A joined with $T_B(s)$ to
produce join result(s)

i1) T_A stored in relation A

Figure 5B

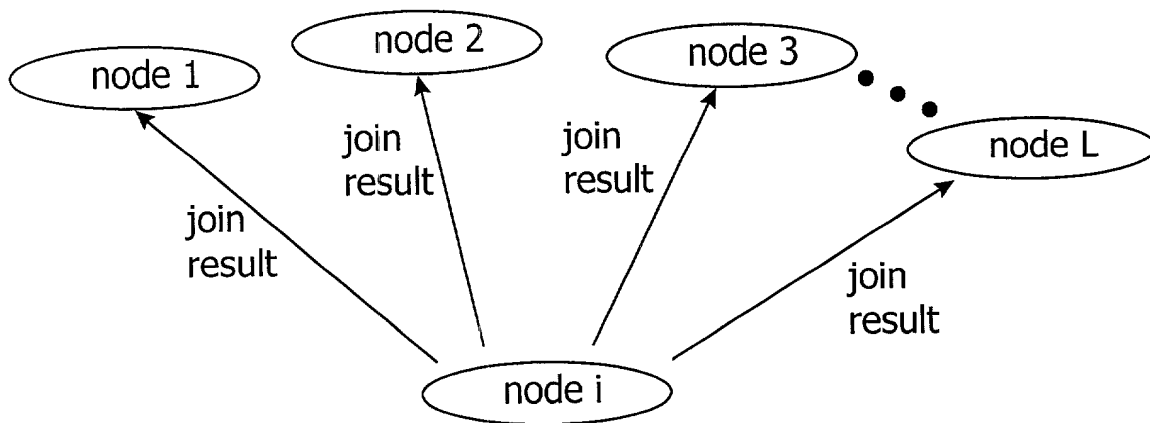


Figure 6A

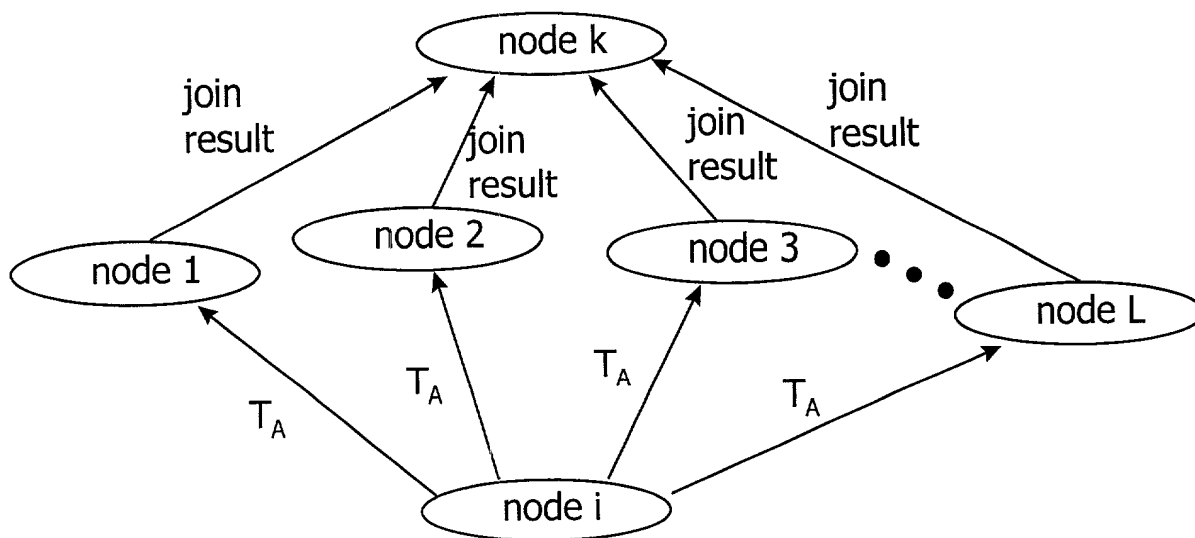


Figure 6B

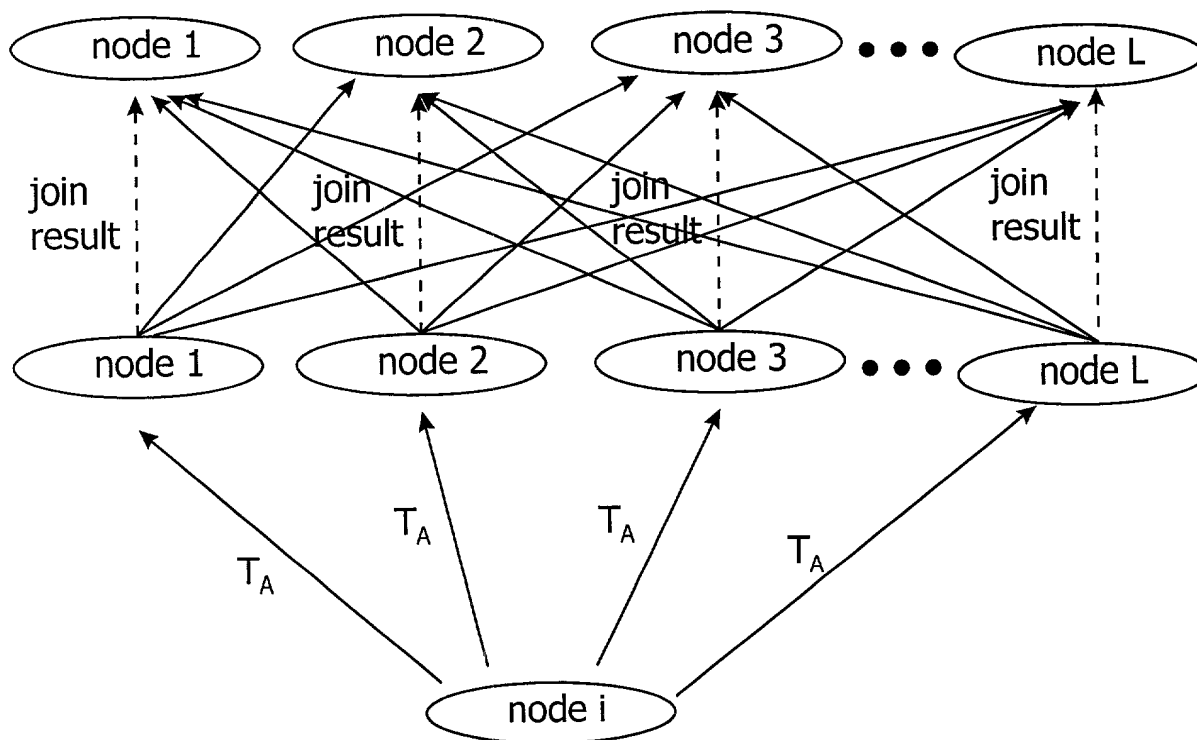


Figure 7A

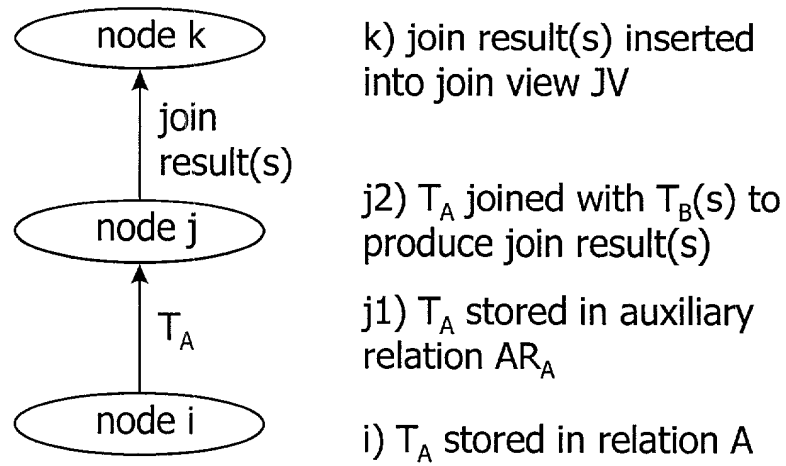


Figure 7B

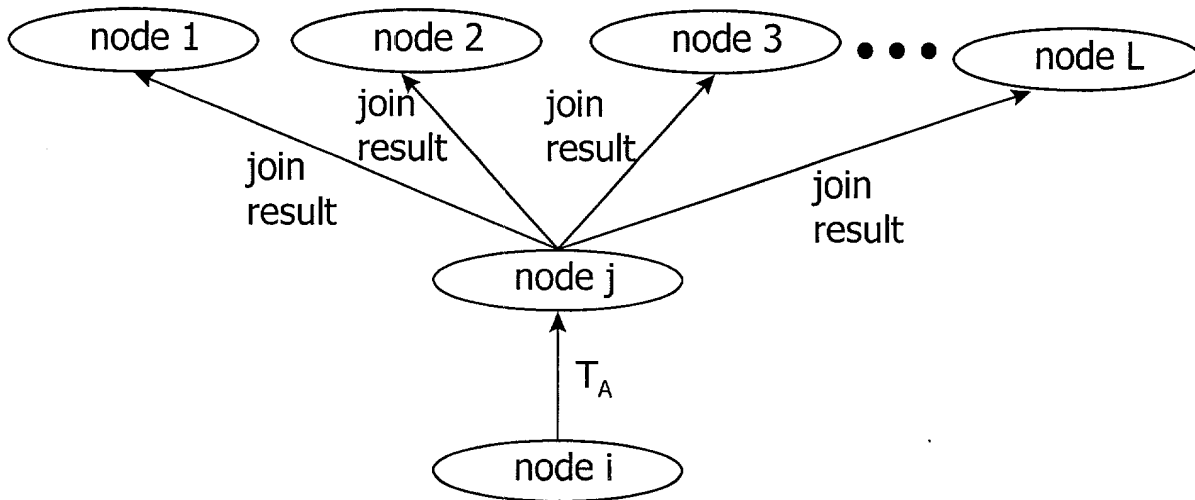


Figure 8

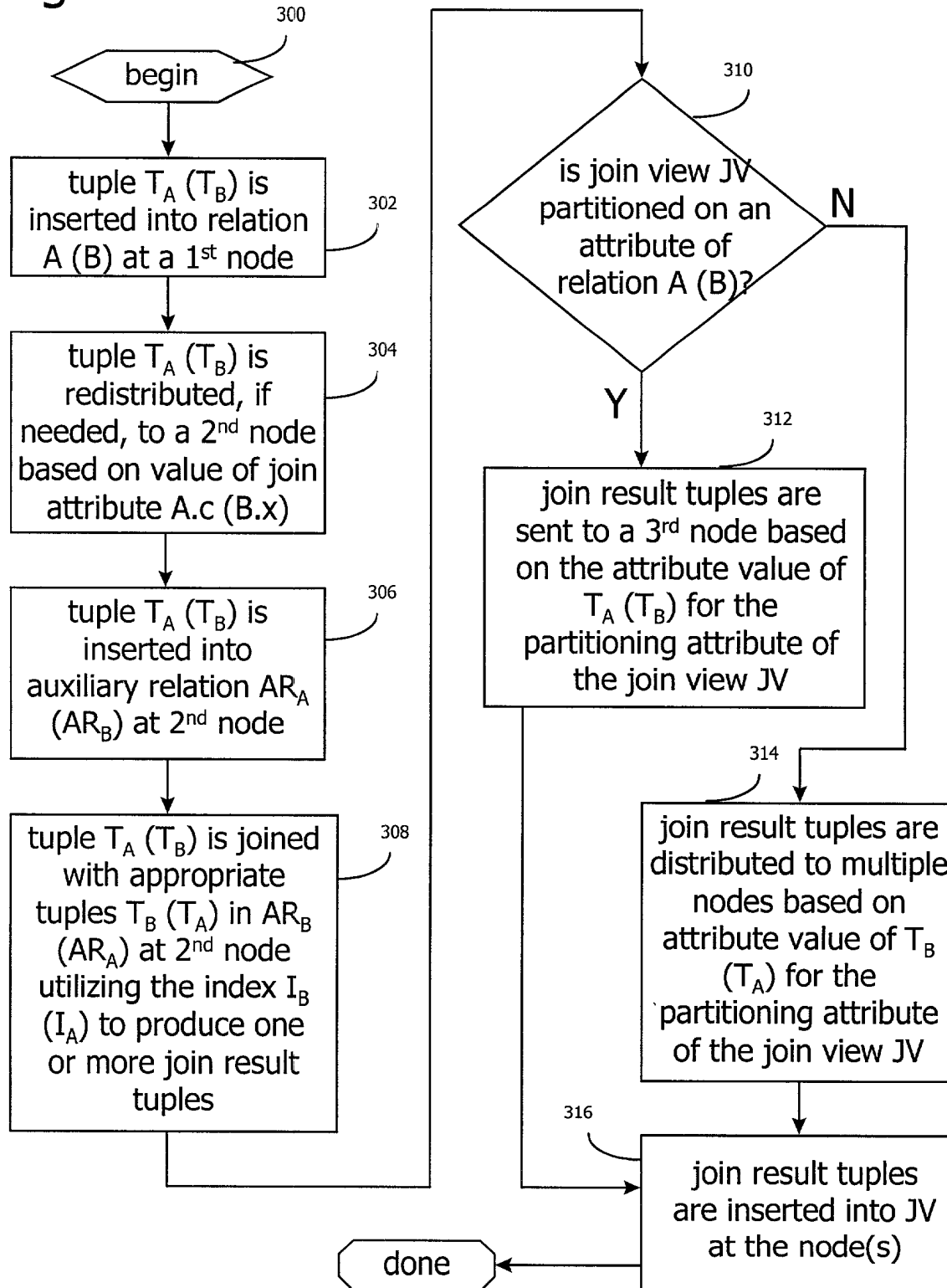
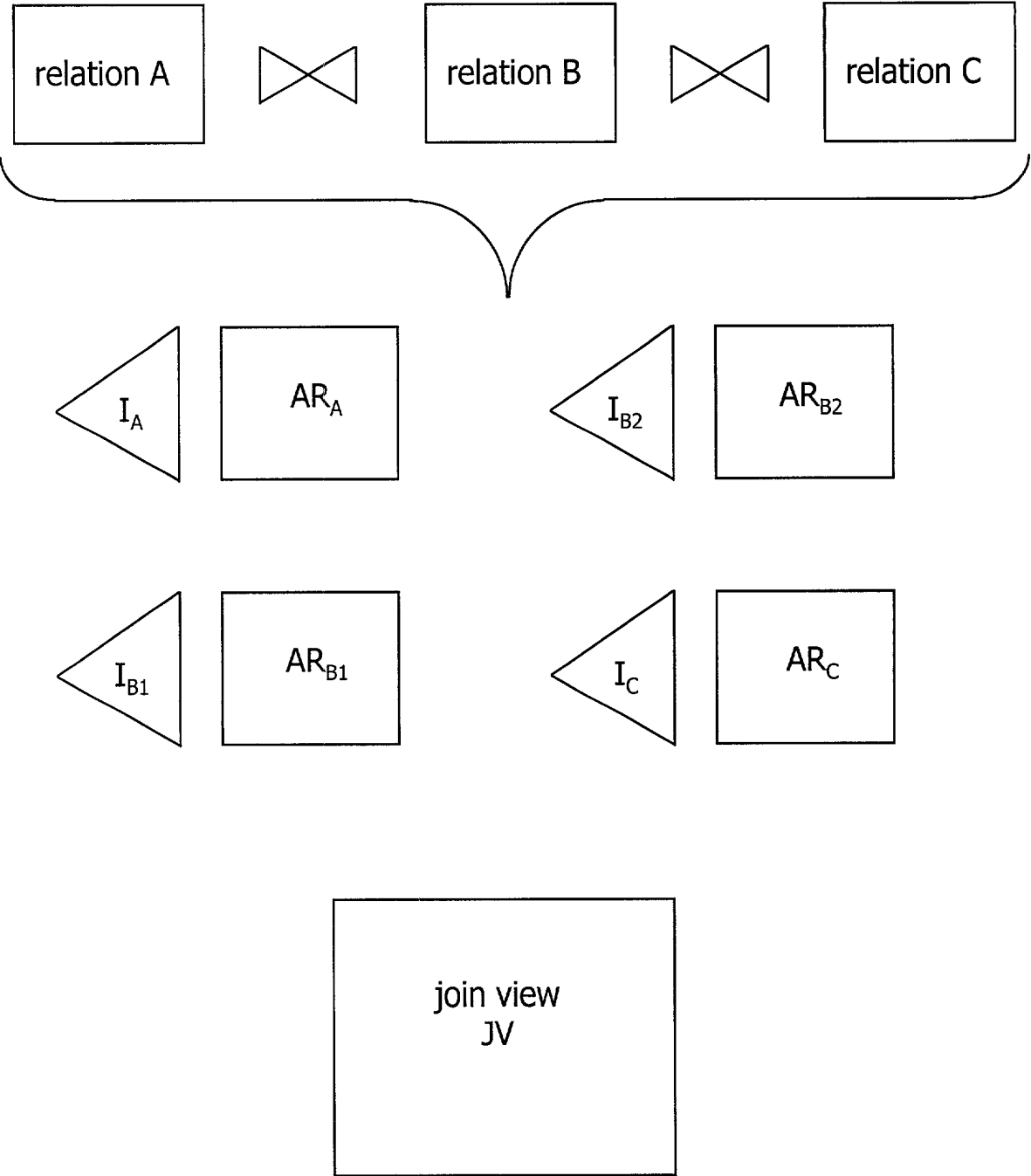


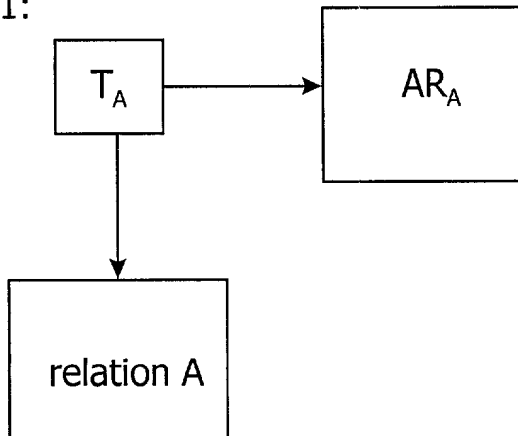
Figure 9A



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Figure 9B

stage 1:



stage 2:

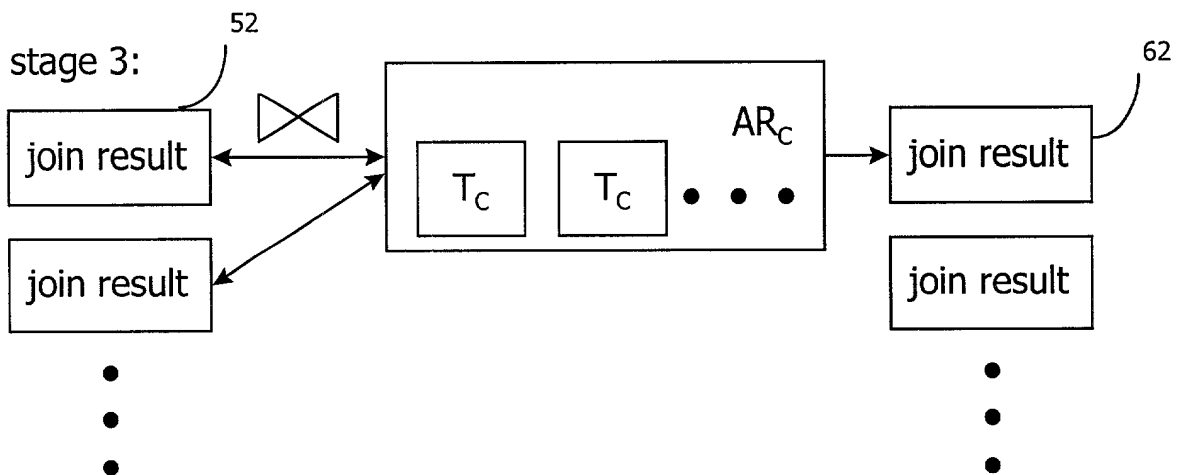
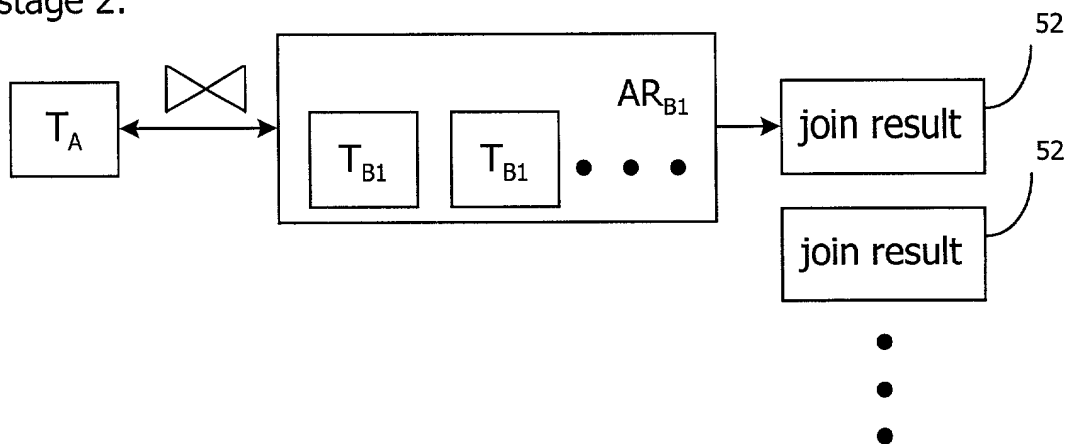
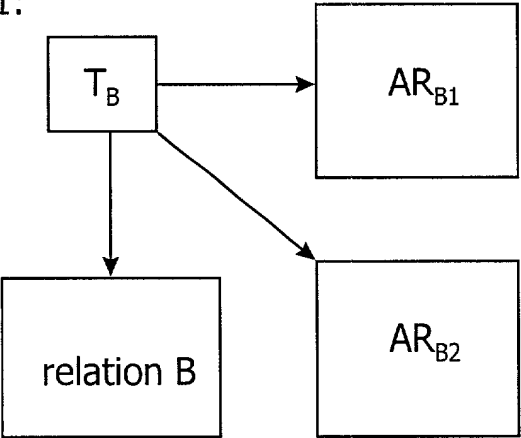
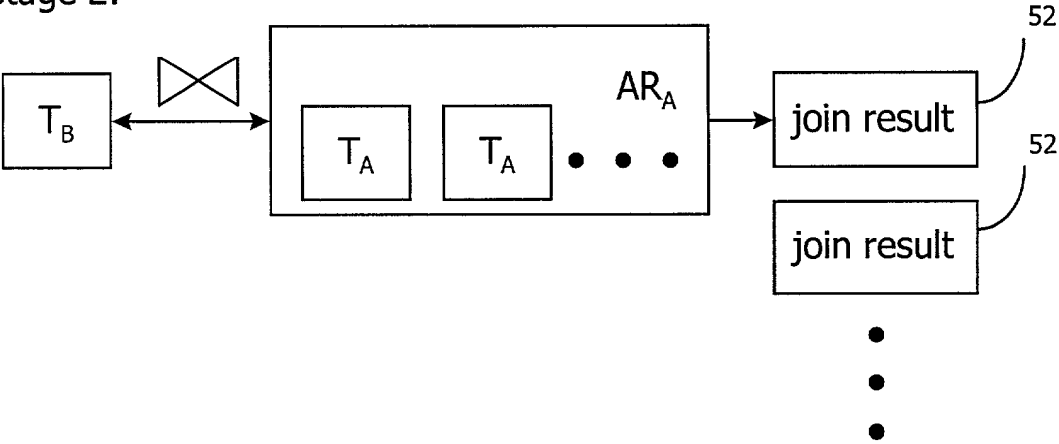


Figure 9C

stage 1:



stage 2:



stage 3:

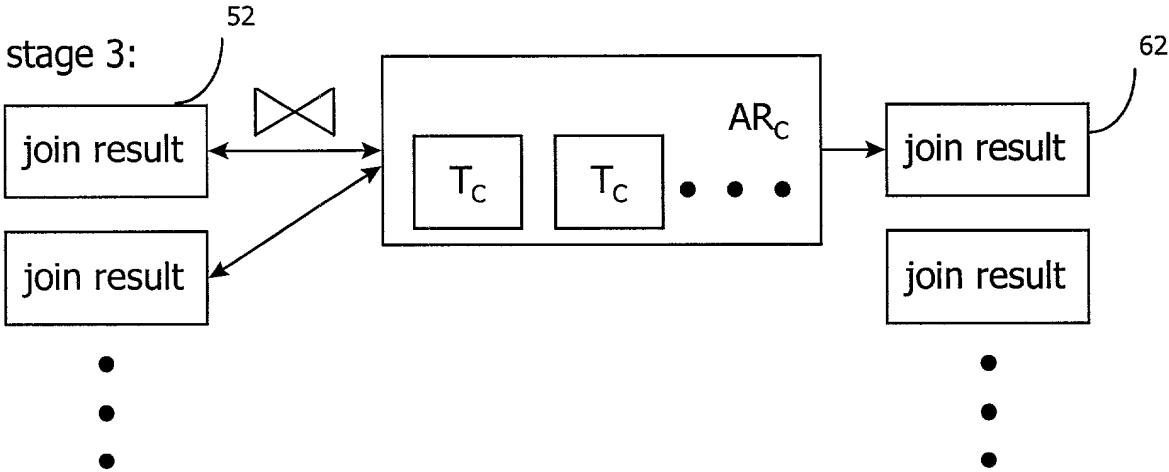
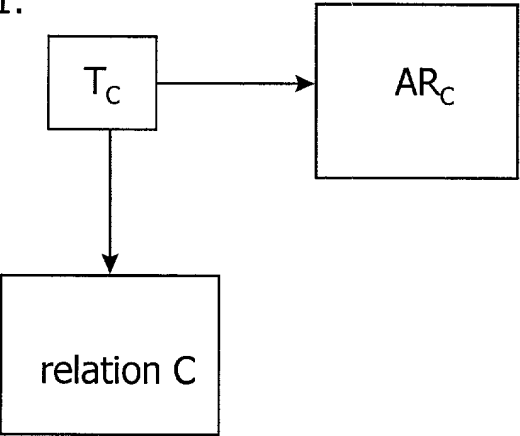
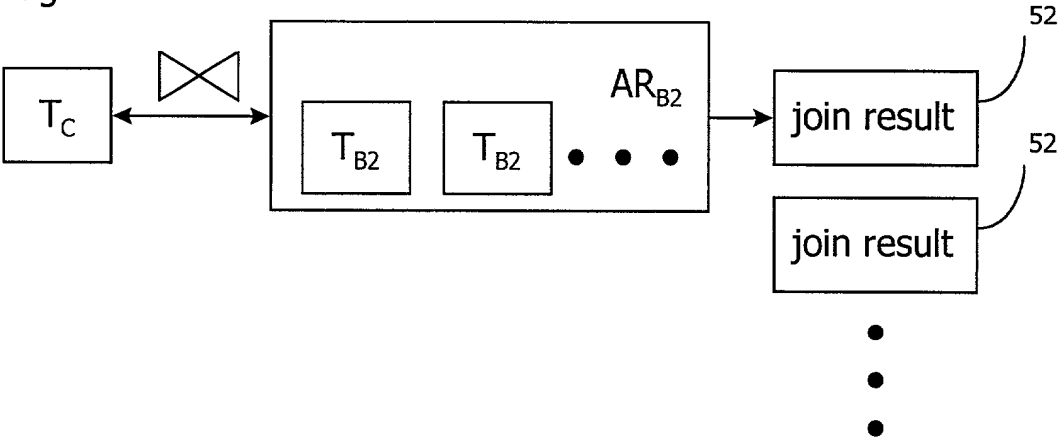


Figure 9D

stage 1:



stage 2:



stage 3:

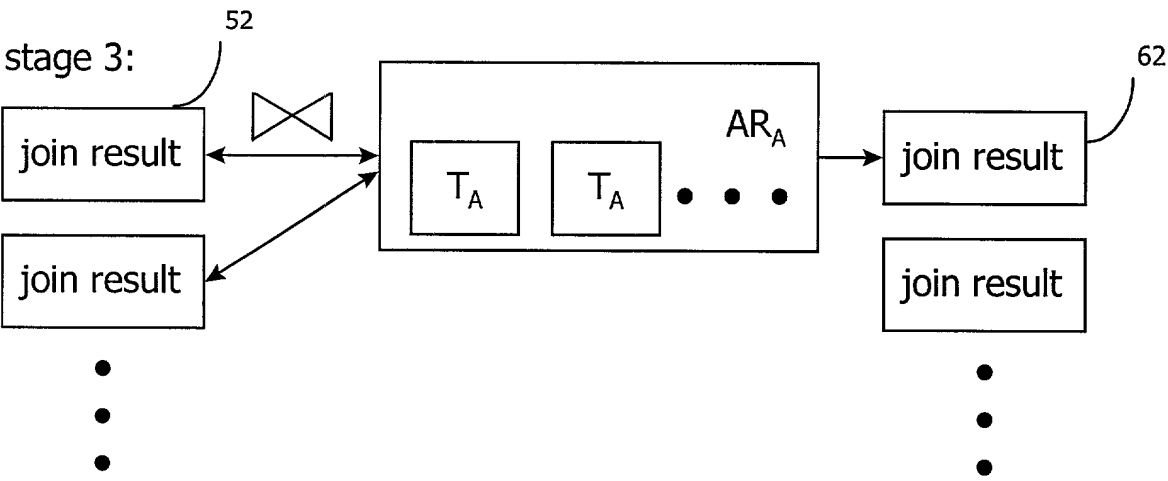


Figure 10

